1. A computer-implemented method for training a computer code intrusion detection system in real time, said method comprising the steps of:

   observing, in real time, commands that are accessing the computer code; and

   deriving from said commands, in real time, a set of acceptable commands.

2. The method of claim 1 wherein the computer code is a database, and the computer code intrusion detection system is a database intrusion detection system.

3. The method of claim 2 wherein the commands are SQL commands.

4. The method of claim 1 wherein at least one command is from the group of commands comprising a query, an add, a delete, and a modify.

5. The method of claim 1 wherein the deriving step comprises:

   grouping the commands into categories; and

   updating statistical information pertaining to the categories in real time.

6. The method of claim 5 wherein the categories comprise at least one category from the group of categories comprising:

   canonicalized commands;

dates and times at which commands access the computer code;

logins of users that issue commands;

identities of users that issue commands;

departments of users that issue commands;

applications that issue commands;

IP addresses of issuing users;

frequency of issuing commands by users;

identities of users accessing a given field within the computer code;

times of day that a given user accesses a given field within the computer code;

fields accessed by commands;

combinations of fields accessed by commands;

tables within the computer code accessed by commands;

combinations of tables within the computer code accessed by commands.

7. The method of claim 5 wherein:

the categories comprise canonicalized commands; and

each category is a command stripped of literal field data.

8. The method of claim 1 wherein the observing step comprises at least one of:

real-time auditing; and

in-line interception.

9. The method of claim 8 wherein the observing step comprises real-time auditing; and at least one of the following is used to extract the commands for observation:

an API that accesses the computer code;

code injection;

patching;

direct database integration.

10. The method of claim 8 wherein the observing step comprises in-line interception; and at least one of the following is interposed between senders of the commands and the computer code:

a proxy;

a firewall;

a sniffer;

11. The method of claim 1 wherein:

during the deriving step, suspicious activity is

tracked; and

subsequent to the deriving step, the suspicious

activity is reported to a system administrator.

12. The method of claim 1 wherein a duration of performing the deriving step is determined by statistical means.

13. The method of claim 1 further comprising, subsequent to the deriving step, an operational step in which commands that are

accessing the computer code are compared against the set of acceptable commands.

14. The method of claim 13 wherein a command that is accessing the computer code during the operational step that does not match a command in the set of acceptable commands is flagged as suspicious.

15. The method of claim 14 wherein, when a command is flagged as suspicious, at least one of the following is performed:

an alert is sent to a system administrator;

the command is not allowed to access the computer code;

the command is allowed to access the computer code, but the access is limited;

the command is augmented;

a sender of the command is investigated.

16. A computer-readable medium containing computer program instructions for training a computer code intrusion detection system in real time, said computer program instructions performing the steps of:

observing, in real time, commands that are accessing the computer code; and

deriving from said commands, in real time, a set of acceptable commands.

17. The computer-readable medium of claim 16 wherein the deriving step comprises:

grouping the commands into categories; and

updating statistical information pertaining to the categories in real time.

18. The computer-readable medium of claim 17 wherein:

the categories comprise canonicalized commands; and

each category is a command stripped of literal field data.

19. The computer-readable medium of claim 16 further comprising, subsequent to the deriving step, an operational step in which commands that are accessing the computer code are compared against the set of acceptable commands.

20. Apparatus for training a computer code intrusion detection system in real time, said apparatus comprising:

a training module adapted for observing, in real time, commands that are accessing the computer code, and for deriving from said commands, in real time, a set of acceptable commands; and

coupled to the set of acceptable commands, a comparison module for comparing commands that access the computer code during an operational phase with commands in the set of acceptable commands.